

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Greg Bjornberg et al.

Confirmation No.: Not Assigned

Serial No.: Not Assigned

Art Unit: Not Assigned

Filed: July 3, 2003

Examiner: Not Assigned

Title: System for Executing Advanced Interactive Voice Response Services  
Using Service-Independent Building Blocks

**POWER OF ATTORNEY AND**  
**REVOCATION OF POWER OF ATTORNEY**

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby appoint practitioners at Customer No. 25537, which includes: Steven McCann, Reg. No. 34,958; Paul A. Roberts, Reg. No. 40,289; Suresh Koshy, Reg. No. 42,761; Brian C. Oakes, Reg. No. 41,467; Stephen Zemanick, Reg. No. 48,724; David J. O'Neill, Reg. No. 42,953, as attorneys and Frank A. McKiel, Reg. No. 43,792, and Eden U.I. Stright, Reg. No. 51,205, as patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Please revoke all previous powers of attorney or authorizations of agent.

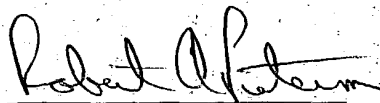
The undersigned is currently an attorney of record.

All correspondence shall continue to be addressed to Customer No. 25537.

Respectfully submitted,

Date:

July 3, 2003



Robert A. Peterson  
Vice President and  
Assistant Secretary

1133 19th Street, NW  
Washington DC 20036  
Phone: (202) 736-6587  
Fax: (202) 736-6382

## DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

*System For Executing Advanced Interactive Voice Response Services Using  
Service-Independent Building Blocks*

the specification of which

☒ is attached hereto.

☐ was filed on

as Application Serial No. \_\_\_\_\_  
amended on \_\_\_\_\_

and was

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof of more than one year prior to this application, and said invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim the benefit under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate listed below and also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

|          |           |              |     |    |
|----------|-----------|--------------|-----|----|
| (Number) | (Country) | (Date Filed) | Yes | No |
| (Number) | (Country) | (Date Filed) | Yes | No |

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date) (Status)

(Application Serial No.) (Filing Date) (Status)

I hereby appoint Timothy D. Casey, Reg. No. 33,124; Michael Melton, Reg. No. 32,276; Deborah Miller, Reg. No. 37,679; Ruben DeLeon, Reg. No. 37,812 and Carl Evens, Reg. No. 33,874 attorneys and Satheesh Karra, Reg. No. 40,246, my patent agent with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith and Robert G. Sterne, Reg. No. 28,192; Edward J. Kessler, Reg. No. 25,688; Jorge A. Goldstein, Reg. No. 29,021; Samuel L. Fox, Reg. No. 30,353; David K.S. Cornwell, Reg. No. 31,944; Robert W. Esmond, Reg. No. 32,892; Tracy-Gene Durkin, Reg. No. 32,831; Michael B. Ray, Esquire, Reg. No. 33,997; Robert E. Sokohl, Esquire, Reg. No. 36,013 and Michelle A. Cimbala, Reg. No. 33,851 my attorneys of STERNE, KESSLER, GOLDSTEIN AND FOX, with offices located at 1100 New York Ave, Suite 600, Washington D.C. 20005, Telephone (202) 371-2600.

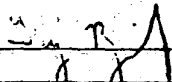
Send correspondence to:

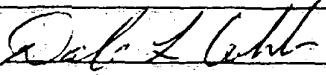
Direct Telephone Calls To:

Technology Department  
MCI COMMUNICATIONS CORPORATION  
1133 19TH STREET NW  
WASHINGTON DC 20036

(202) 371-2600

I hereby declare that all statements made herein of my knowledge are true and that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |  |               |
|--|--|---------------|
| Full Name of Sole or First Inventor: Greg Bjornberg                      |  |               |
| Residence Address: 1516 Saratoga Drive, Colorado Springs, Colorado 80910 |  |               |
| Post Office Address (if diff. from above):                               |  |               |
| Citizenship: USA   | Signature:  | Date: 4-27-98 |

|   |  |                  |
|---|--|------------------|
| Full Name of Second Joint Inventor: Dale Cobb                           |  |                  |
| Residence Address: 6390 Pemberton Way, Colorado Springs, Colorado 80919 |  |                  |
| Post Office Address (if diff. from above):                              |  |                  |
| Citizenship: USA  | Signature:  | Date: 04-24-1998 |

|  |  |                        |                      |
|--|--|------------------------|----------------------|
| Full Name of Third Joint Inventor:         | David Phelps   |                        |                      |
| Residence Address:                         | 7430 Delmonico Drive, Colorado Springs, Colorado 80919 |                        |                      |
| Post Office Address (if diff. from above): |  |                        |                      |
| Citizenship: USA                           | Signature:   | <i>David E. Phelps</i> | Date: <i>4/27/98</i> |

|  |  |                         |                      |
|--|--|-------------------------|----------------------|
| Full Name of Fourth Joint Inventor:        | Phyllis D. Santa                                 |                         |                      |
| Residence Address:                         | 1555 Silverheels Drive, Larkspur, Colorado 80118 |                         |                      |
| Post Office Address (if diff. from above): |  |                         |                      |
| Citizenship: USA                           | Signature:                                       | <i>Phyllis D. Santa</i> | Date: <i>4/27/98</i> |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Greg Bjornberg et al.Application No./Patent No.: Not Assigned Filed/Issue Date: July 3, 2003System for Executing Advanced Interactive Voice Response Services Using Service-Independent Building  
Entitled: BlocksMCI Communications Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 9217, Frame 0135, or for which a copy thereof is attached.**OR**B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 3, 2003

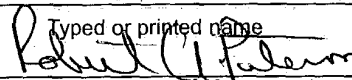
Date

202-736-6587

Telephone number

Robert A. Peterson

Typed or printed name



Signature

Vice President &amp; Assistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 11, 1998

PTAS

MCI COMMUNICATIONS CORPORATION  
DEBORAH MILLER  
1133 19TH STREET, N.W.  
WASHINGTON, DC 20036



\*100730372A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/07/1998

REEL/FRAME: 9217/0135  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BJORNBERG, GREG

DOC DATE: 04/27/1998

ASSIGNOR:  
COBB, DALE

DOC DATE: 04/24/1998

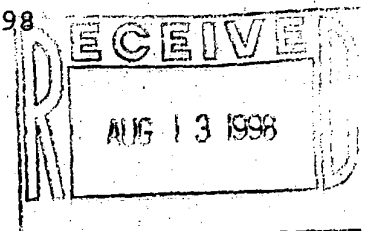
ASSIGNOR:  
PHELPS, DAVID

DOC DATE: 04/03/1998

ASSIGNOR:  
SANTA, PHYLLIS

DOC DATE: 04/27/1998

ASSIGNEE:  
MCI COMMUNICATIONS CORPORATION  
TECHNOLOGY DEPARTMENT  
1133 19TH STREET, N.W.  
WASHINGTON, D.C. 20036



SERIAL NUMBER: 09073887  
PATENT NUMBER: COS-97-046

FILING DATE: 05/07/1998  
ISSUE DATE:

9217/0135 PAGE 2

ANNIE HARRELL, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-09-1998

FORM PTO-1595



HEET

U.S. Dept. of Commerce  
Patent and Trademark Office

09/073887

100730372

To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Greg Bjornberg  
Dale Cobb  
David Phelps  
Phyllis Santa

## 2. Name and address of receiving party(ies):

MCI Communications Corporation  
Technology Department  
1133 19th Street, N.W.  
Washington, D.C. 20036Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ NoAdditional name(s) of receiving party(ies) attached? ☐ Yes ☐ No

## 3. Nature of conveyance:

☒ Assignment ☐ Change of name  
☐ Merger ☐ Security Agreement  
☐ \_\_\_\_\_

Execution Date: 1, 3 &amp; 4; 4/27/98; 2, 4/24/98

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:  
1, 3 & 4; 4/27/98; 2, 4/24/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional number(s) attached? ☐ Yes ☐ No

## 5. Name and address of party whom correspondence concerning document should be mailed:

Technology Department  
MCI Communications Corporation  
1133 19th Street N.W.  
Washington, D.C. 200366. Total number of applications and patents involved ☐ 1

## 7. Total fee (37 CFR 3.41) .....\$40.00

☐ Enclosed  
☒ Authorized to be charged to deposit account  
☐ Charge deficiencies/credit overpayments to Deposit Account

## 8. Deposit Account No.: 13-2491

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Deborah Miller

37,679

Name of person signing

Reg. No.

Signature

Date

Total number of pages including cover sheet: 2

06/04/1998 JMWKINS 00000175 132491 09073887

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40.00 CH

M20 5-7-98

09/073887



05/07/98



# ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, do hereby sell, assign, and transfer to : MCI Communications Corporation, a corporation of Delaware, having a principal place of business at Washington, D.C. ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are described in the application for United States Letters Patents,

and is entitled: ☒ Which has been executed by the undersigned concurrently herewith,  
☐ Which was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_

## *System For Executing Advanced Interactive Voice Response Services Using Service-Independent Building Blocks*

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patents which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signature:

Date:

Greg Bjornberg  
Dale Hobbs  
Daniel E. Phelps  
Phyllis D. Santa

4-27-98

OK-24-1998

4/27/98

4/27/98